

HoroBot **B501** PowerSupply-PLC interface

□ PowerSupply-PLC interface

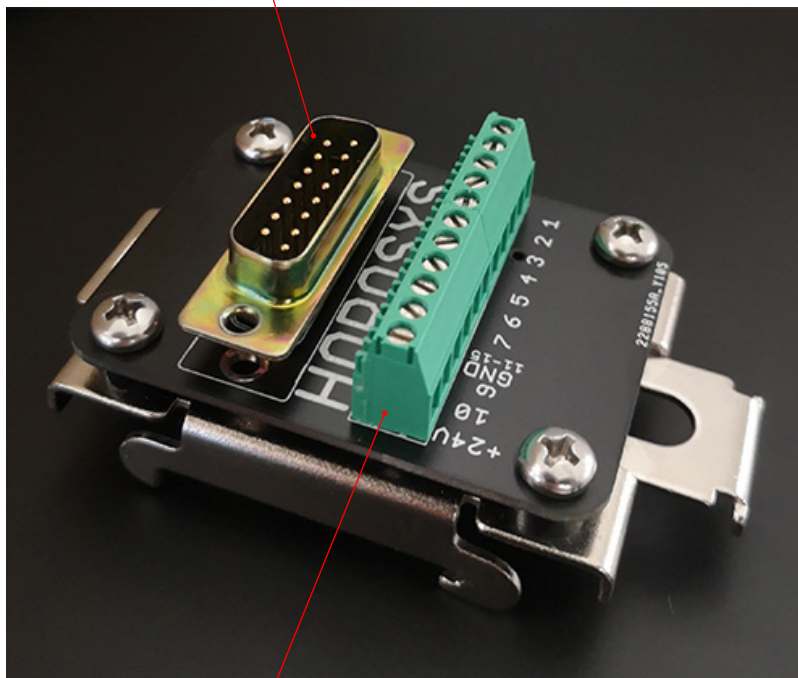
As the current Meca500 power and safety module (PowerSupply) cannot be directly interfaced to a PLC without additional resistors, we have developed this module to simplify this operation and to be able to directly and simply connect PLC's I/O to the PowerSupply.

□ Simple wiring

This accessory allows you to simplify and standardize the wiring because you only need to use a standard D-Sub 15p cable to connect the PowerSupply to the HoroBot B501, then use the screw terminal of the latter to wire the I/O directly to your PLC.

A conversion module is also integrated so that you can use a PNP input of your PLC.

D-Sub 15p connector (x1)



Screw terminal (x2)

□ Pin-out X2

0	Power Status (output NPN)
1	E-Stop - A1
2	E-Stop - A2
3	Power Status (output PNP)
4	P-Stop 1 - A1
5	P-Stop 1 - A2
6	P-Stop 2
7	Reset
(8) GND	GND
9	E-Stop - B1
10	E-Stop - B2
11 (24VDC)	24VDC

Note: For more information on the use of the PowerSupply please refer to the Mecademic "User manual".

□ Technical data

Dimension	45x80x35mm (width x depth x height)
Fixing	DIN rail clip
X1 connector	1x Sub-D 15p male connector / Connection with standard cable on the PowerSupply
X2 connector	11x screw terminals (0.5mm ² max) / Wire connection to your PLC
Input voltage	24VDC
Output voltage	24VDC / NPN or PNP (for the «External power status detection» output)